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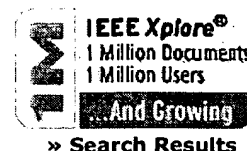
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Signal Processing Proceedings, 2000. WCCC-ICSP 2000. 5th International Conference on , Volume: 1 , 21-25 Aug. 2000

Pages:21 - 24 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(348 KB\)\]](#) IEEE CNF**2 Watermarking parametric representations for synthetic audio***Yi-Wen Liu; Smith, J.O., III;*

Acoustics, Speech, and Signal Processing, 2003. Proceedings. (ICASSP '03). 2003 IEEE International Conference on , Volume: 5 , 6-10 April 2003

Pages:V - 660-3 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(328 KB\)\]](#) IEEE CNF**3 Sinusoidal coding using loudness-based component selection***Purnhagen, H.; Meine, N.; Edler, B.;*

Acoustics, Speech, and Signal Processing, 2002. Proceedings. (ICASSP '02). IEEE International Conference on , Volume: 2 , 2002

Pages:1817 - 1820

[\[Abstract\]](#) [\[PDF Full-Text \(495 KB\)\]](#) IEEE CNF**4 Parametric audio coding***Edler, B.; Purnhagen, H.;*

Communication Technology Proceedings, 2000. WCC - ICCT 2000. International Conference on , Volume: 1 , 21-25 Aug. 2000

Pages:614 - 617 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(376 KB\)\]](#) IEEE CNF**5 A 6Kbps to 85Kbps scalable audio coder***Verma, T.S.; Meng, T.H.Y.;*

Acoustics, Speech, and Signal Processing, 2000. ICASSP '00. Proceedings. 2000
IEEE International Conference on , Volume: 2 , 5-9 June 2000
Pages:II877 - II880 vol.2

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6 A 14 kb/s wideband speech coder with a parametric highband model

McCree, A.;

Acoustics, Speech, and Signal Processing, 2000. ICASSP '00. Proceedings. 2000
IEEE International Conference on , Volume: 2 , 5-9 June 2000
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L2: (7) parametric adj coder

L3: (15) 1 or 2

L4: (82) waveform adj encoder

L5: (29) waveform adj coder

L6: (110) 4 or 5

L7: (2) 3 and 6

L8: (12) 3 and phase

L9: (44) melp

L10: (4) 3 and phase and linear adj prediction

L11: (17) parametric adj coding

L12: (16) parametric adj coding and speech

L13: (67) hybrid adj coding and speech

L14: (18) hybrid adj encoding and speech

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| 4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6658383 B2 | 20031202 | 19 | Method for coding speech and music signals | 704/229 | 375/225; 375/244; | Koishida, Kazuhito et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US |
| 5 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6640145 B2 | 20031028 | 129 | Media recording device with packet data interface | 700/83 | 700/17; 700/19; | Hoffberg, Steven et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US |
| 6 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6584542 B1 | 20030624 | 23 | Microwave paging architecture | 711/104 | 342/1; 342/57; | Weigand, David | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US |
| 7 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6535847 B1 | 20030318 | 15 | Audio signal processing | 704/227 | 704/208; 704/220 | Marston, David F. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US |
| 8 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6526095 B1 | 20030225 | 15 | Inter-frame predicted image synthesizing method | 375/240.16 | | Nakaya, Yuichiro et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US |
| 9 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6499060 B1 | 20021224 | 19 | Media coding for loss recovery with remotely | 709/231 | 348/384.1; 348/394.1; | Wang, Albert Szu-chi et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US |
| 10 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6496797 B1 | 20021217 | 22 | Apparatus and method of speech coding and decoding | 704/220 | 704/223 | Redkov, Victor V. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US |
| 11 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6475245 B2 | 20021105 | 33 | Method and apparatus for hybrid coding of speech at | 704/208 | 704/214; 704/219; | Gersho, Allen et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US |

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- L5: (29) waveform adj coder
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- L7: (2) 3 and 6
- L8: (12) 3 and phase
- L9: (44) melp
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| 2 | <input type="checkbox"/> | US 6675144 B1 | 20040106 | 18 | Audio coding systems and methods | 704/264 | 704/219 | | Tucker, Roger Cecil Ferry et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6 |
| 3 | <input type="checkbox"/> | US 6453287 B1 | 20020917 | 38 | Apparatus and quality enhancement algorithm for | 704/219 | 704/201; 704/261; | | Unno, Takahiro et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6 |
| 4 | <input type="checkbox"/> | US 6070137 A | 20000530 | 10 | Integrated frequency-domain voice coding using an | 704/227 | 381/94.3; 704/205 | | Bloebaum, Leland S. et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 6 |

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| 4 | <input type="checkbox"/> | <input type="checkbox"/> | US 6581030 B1 | 20030617 | 15 | Target signal reference shifting employed in | 704/219 | 704/220; 704/223 | | Su, Huan-yu | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US |
| 5 | <input type="checkbox"/> | <input type="checkbox"/> | US 6577995 B1 | 20030610 | 12 | Apparatus for quantizing phase of speech signal using | 704/230 | 704/203; 704/207 | | Kim, Doh-suk et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US |
| 6 | <input type="checkbox"/> | <input type="checkbox"/> | US 6564183 B1 | 20030513 | 18 | Speech coding including soft adaptability feature | 704/214 | 704/216; 704/219; | | Hagen, Roar et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US |
| 7 | <input type="checkbox"/> | <input type="checkbox"/> | US 6556966 B1 | 20030429 | 34 | Codebook structure for changeable pulse multimode | 704/220 | 704/212; 704/219; | | Gao, Yang | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US |
| 8 | <input type="checkbox"/> | <input type="checkbox"/> | US 6529870 B1 | 20030304 | 19 | Identifying voice mail messages using speaker | 704/246 | 379/1.02; 455/415; | | Mikkilineni, Rajendra Prasad | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US |
| 9 | <input type="checkbox"/> | <input type="checkbox"/> | US 6507814 B1 | 20030114 | 59 | Pitch determination using speech classification and | 704/220 | 704/219 | | Gao, Yang | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US |
| 10 | <input type="checkbox"/> | <input type="checkbox"/> | US 6493665 B1 | 20021210 | 57 | Speech classification and parameter weighting used in | 704/230 | 704/220; 704/225 | | Su, Huan-Yu et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US |
| 11 | <input type="checkbox"/> | <input type="checkbox"/> | US 6480822 B2 | 20021112 | 38 | Low complexity random codebook structure | 704/220 | 704/213 | | Thyssen, Jes | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US |